

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Vincent S. Darago and Christopher Jenkins  
Serial No.: 10/609,325  
Filed: June 27, 2003  
For: Computer architecture for managing courseware in a  
shared use operating environment

**AMENDMENT – TWICE CORRECTED SECTION**  
**(Amendment Submitted with Request for Continued Examination)**

Honorable Commissioner for Patents:

In response to the Notice of Non-Compliant Amendment mailed May 9, 2008,  
Applicants respectfully submit the following further corrected claim listing. A Petition for  
Extension of Time is being filed concurrently with this Amendment Section.

1-85. (canceled)

86. (currently amended) A method for managing content in a shared use operating environment, the shared use operating environment including a registration server, a content server connectable by a network link to the registration server, and a client workstation connectable by a client-server network communications link to the content server, the method comprising the steps of:

registering a user at the registration server, thereby characterizing the user as a registered user;  
~~reserving a particular piece of courseware content for a particular registered user;~~  
receiving at the content server a request by the registered user for access to content which contains at least one previously treated critical portion;  
authenticating the request;  
serving at least the critical portion over the client-server network communications link for presentation to the registered user at the client workstation; and  
~~metering usage of the content by the registered user;~~  
~~monitoring the client-server network communications link;~~  
~~downloading at least one non-critical portion of the content to the client workstation at least two hours before serving the critical portion;~~  
disabling caching and other disk writes to prevent a copy of the critical portion of the content from being created on nonvolatile storage at the client workstation; and  
~~presenting the registered user with an invoice for usage of the content.~~

87. (currently amended) A method for managing content in an operating environment that includes peer-to-peer nodes ~~which perform as content servers and/or clients~~, the method comprising the steps of:

registering users;  
checking user passwords to prevent unregistered users from receiving content services;  
receiving at a peer node a request by a registered user for access to content which contains at least one previously treated critical portion; and  
serving at least the critical portion over a network communications link to a peer node for presentation to the registered user.

88. (original) The method of claim 87, wherein the serving step serves digital content that contains at least one musical recording.

89. (original) The method of claim 87, wherein the serving step serves digital content that contains visual images.

90. (original) The method of claim 87, wherein the serving step serves video content.

91. (original) The method of claim 87, wherein the method delivers content by synchronous sharing.

92. (original) The method of claim 91, wherein the method comprises video conferencing.

93. (original) The method of claim 87, wherein the method delivers content in a real-time manner.

94. (original) The method of claim 87, wherein the method delivers content in an interactive manner.

95. (original) The method of claim 87, wherein the critical portion comprises encrypted content.

96. (original) The method of claim 87, wherein the critical portion comprises compressed content.

97. (original) The method of claim 87, wherein the critical portion comprises licensed content.

98. (original) The method of claim 87, wherein the critical portion comprises content that is compressed and encrypted.

99. (original) The method of claim 87, further comprising the step of disabling use of at least a portion of the content after an expected security handshake is not received.

100. (original) The method of claim 87, further comprising the step of downloading at least a portion of the content to a peer node at least one hour before the serving step.

101. (original) The method of claim 87, wherein the method moves content to peer nodes in response to anticipated requests from users.

102. (original) The method of claim 87, wherein the method moves content to peer nodes in response to actual requests from users.

103. (currently amended) The method of claim 87, wherein the method operates in conjunction with a license enforcement software program executing on a ~~client~~ peer node.

104. (original) The method of claim 87, wherein the method tracks content use in order to create records on which invoices are at least partially based.

105. (original) The method of claim 87, wherein the method tracks content location and determines whether content is already resident on a peer node at or near a location at which content is requested.

106. (original) The method of claim 87, wherein only authenticated network users are able to access the content.

107. (new) The method of claim 86, further comprising reserving a particular piece of courseware content for a particular registered user.

108. (new) The method of claim 86, further comprising monitoring the client-server network communications link.

109. (new) The method of claim 86, further comprising downloading at least one non-critical portion of the content to the client workstation at least two hours before serving the critical portion.

110. (new) The method of claim 86, further comprising presenting the registered user with an invoice for usage of the content.

Dated July 24, 2008.

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CERTIFICATE OF TRANSMISSION

I hereby certify that this document and a  
Petition for Extension of Time are being  
submitted to the Commissioner for Patents  
through EFS-WEB, on July 24, 2008.

Respectfully submitted,

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